

Facility ID: 0708000066 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0708000066 Emissions Unit ID: F001 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
portable concrete batch plant (including hopper, conveyor, and load-out) controlled with a fabric filter	OAC rule 3745-31-05 (PTI 07-444)	11.19 lbs/hr of particulates 11.19 tpy of particulates
	OAC rule 3745-17-07	See A.2.a and A.2.b below. See A.2.c below.
	OAC rule 3745-17-08	See A.2.c below.

2. Additional Terms and Conditions

- (a) The moisture content of the aggregate shall be sufficient to eliminate visible particulate emissions of fugitive dust.
There shall be no visible particulate emissions from this emissions unit.
This facility is located in Brown County which is not identified in Appendix A of OAC rule 3745-17-08. Therefore, this fugitive emissions unit is exempt from the fugitive dust control requirements and visible emissions limitations established in OAC rules 3745-17-08 and 3745-17-07, respectively.

B. Operational Restrictions

1. The maximum annual operating hours for this portable batch plant shall not exceed 2,000 hours.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the operating hours for this emissions unit.
2. The permittee shall perform daily checks for any visible particulate emissions from the fabric filter control systems (including dust capture points) for the weigh hopper and cement silo, while the weigh hopper and silo are in operation. The presence or absence of any visible emissions from each fabric filter control system shall be noted in an operations log. If any visible emissions are observed from either system, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports on a semi-annual basis which (a) identify all days during which any visible particulate emissions were observed from the fabric filter control systems (including dust capture points) and (b) describe the corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted by January 31 and July 31 of each year to the Director (District Office or local air agency).

E. Testing Requirements

1. Compliance with the emission limitations in sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following methods:
Emission Limitation:

11.19 lbs/hr of particulates

Applicable Compliance Method:

Compliance shall be determined by totaling the following:

i. Sand and Aggregate Transfer to Elevated Bin:

The maximum hourly production rate of 300 tons/hr is multiplied by the AP-42 particulate emission factor of 0.029 lb/ton. The resulting uncontrolled emission rate, 8.7 lbs/hr, is then multiplied by a moisture content control factor of 50% (1-.50), resulting in a controlled emissions rate of 4.35 lbs/hr.

ii. Weigh Hopper Loading:

The maximum hourly production rate of 300 tons/hr is multiplied by the AP-42 particulate emission factor of 0.02 lb/ton. The resulting uncontrolled emission rate, 6 lbs/hr, is then multiplied by a moisture content control factor of 50% (1-.50), resulting in a controlled emission rate of 3 lbs/hr.

iii. Mixer Loading:

The maximum hourly production rate of 320 tons/hr is multiplied by the AP-42 particulate emission factor of 0.04 lb/ton. The resulting uncontrolled emission rate, 12.8 lbs/hr, is then multiplied by a moisture content control factor of 70% (1-.70), resulting in a controlled emissions rate of 3.84 lbs/hr.

Emission Limitation:

11.19 tpy of particulates

Applicable Compliance Method:

The 11.19 tpy particulate emissions limitation was developed by multiplying the 11.19 lbs/hr emission limitation by a maximum annual operating schedule of 2,000 hours/year. Therefore compliance shall be based upon the 12-month summation of the number of operating hours times the 11.19 lbs/hr particulate emissions limitation, divided by 2,000 lbs/ton.

Emission Limitation:

no visible particulate emissions

Applicable Compliance Method:

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(4) using the methods and procedures specified in USEPA Method 22.

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

i. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);

iii. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Portsmouth Local Air Agency within a minimum of thirty days prior to the scheduled relocation; and

iv. in the Portsmouth Local Air Agency's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

i. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

ii. the portable emissions unit is equipped with best available technology;

iii. the portable emissions unit owner has identified the proposed site to Ohio EPA;

iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

v. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

vi. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site; and

vii. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.

2. Any site approvals issued by the Ohio EPA shall be valid for no longer than three years and are subject to renewal.

In order for the Portsmouth Local Air Agency to determine compliance with all of the above criteria, the permittee of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the Portsmouth Local Air Agency, 740 Second Street, Portsmouth, OH 45662. Upon receipt of the notice, the Portsmouth Local Air Agency, or the Portsmouth Local Air Agency's authorized representative, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

3. The permittee shall comply with any applicable State and federal requirements governing the storage, transport, and disposal of any waste material generated by the operation of the sources.
4. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit is subject to public disclosure in accordance with OAC rule 3745-49-03.